

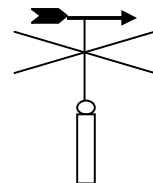


Agromet Advisory Service bulletin 13/17, Tuesday dt 28-03-17

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM

CURRENT SYNOPTIC SITUATION: Yesterdays upper air trough over Comorin area and neighbourhood has become less marked. Generally westerly to southwesterly winds prevail in the lower levels over Kerala.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 28.03.2017

VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

| PARAMETERS | ENSEMBLE FCST | | | | |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
| | DAY-1 29/03 | DAY-2 30/03 | DAY-3 31/03 | DAY-4 01/04 | DAY-5 02/04 |
| DISTRICT : ERNAKULAM | | | | | |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max Temperature (deg C) | 33 | 33 | 33 | 33 | 33 |
| Min Temperature (deg C) | 26 | 26 | 26 | 26 | 26 |
| Total cloud cover (octa) | 3 | 3 | 4 | 4 | 4 |
| Max Relative Humidity (%) | 85 | 85 | 85 | 85 | 85 |
| Min Relative Humidity (%) | 55 | 55 | 55 | 55 | 55 |
| Wind speed (kmph) | 006 | 006 | 008 | 008 | 008 |
| Wind direction (deg) | 250 | 250 | 270 | 270 | 270 |

Agro Meteorological Advisories:

| Crop | Stage of the crop / Pest/Disease | Advisories |
|--------------------------------|----------------------------------|--|
| Paddy | Panicle emergence/ stem borer | Chances of stem borer in paddy. In severe condition apply Flubendamide in 2 ml/10 L. |
| Coconut | Management | Mulching can be done with dried or green coconut leaves or coir pith to maintain moisture in coconut gardens. Lower one or two whirls can be cut off to prevent moisture loss from plant. Coconut stem upto one or two metres can be painted with slaked lime to prevent sun scorching. Organic content in the soil can be ensured for maintaining soil temperature. Drip irrigation shall be adopted. |
| Banana | Pseudo stem weevil | Apply 2% neem oil-garlic-soap emulsion in the starting stage. In case of severe attack apply 2.5 ml Chlorpyrifos in 1 liter of water on the pseudostem mixing with gum. |
| Vegetables (Cucurbitaceous) | Fruit fly | Remove and destroy affected and decayed fruits. Use special pheromone traps for vegetable fruit fly or Thulasi/fruit traps. If the attack is not reduced, spray mixture of malathion 2 ml + jaggery 10 g/liter at flowering and fruit initiation. |